

FEATURES

- **Single Row Deep Groove Design:** Provides excellent radial load capacity and high-speed performance.
- **Steel Ball Material:** Ensures strength and durability for long-lasting use.
- **Double Shielded End Type:** Offers protection against dust and debris, reducing maintenance needs.
- **Dynamic Load Rating of 1.75 kN:** Supports significant dynamic loads, making it suitable for demanding applications.
- **Limiting Speed of 32000 rpm:** Allows for high-speed operation, enhancing efficiency in fast-moving machinery.
- **Steel Cage Material:** Provides robust support for the balls, maintaining alignment and reducing friction.
- **Parallel Bore Type:** Ensures easy installation and alignment in various assemblies.
- **ANSI-ESD S20.20:2021 Compliant:** Meets industry standards for electrostatic discharge protection.

RS PRO 6 mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-695



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price

Product Description

This RS PRO ball bearing is designed for high-speed and high-precision applications. With a 6 mm inside diameter, it is ideal for use in compact mechanical assemblies. The double shielded design ensures protection against contaminants, enhancing durability and performance.

General Specifications

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| Ball Material | Steel |
| Bearing Type | Single Row Deep Groove Ball |
| Bore Type | Parallel |
| Cage Material | Steel |
| Dynamic Load Rating | 1.75 kN |
| End Type | Double Shielded |
| Internal Clearance | CN |
| Limiting Speed | 32000 rpm |
| Number of Rows | 1 |
| Product Type | Ball Bearing |
| Race Material | Steel |
| Race Type | Plain |
| Race Width | 5 mm |
| Static Load Rating | 0.67 kN |

Mechanical Specifications

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| Inside Diameter | 6 mm |
| Outside Diameter | 15 mm |

Approvals

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| Standards/Approvals | ANSI-ESD S20.20:2021 |
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